

NATIONAL MINE SAFETY WEEK

LV and Mobile Equipment Safety

30 April – 05th May 2023

Description:

THE national mining safety week, which aims to promote safe operations of most mining companies in Papua New Guinea, it originated as an initiative of the chief inspector of mines from the PNG MRA.

“Mining safety week” allows Resource Company Employees to promote safety through participation in activities and information sessions.

Objective:

Plan and coordinate the National Mining Safety Week activities and competitions and ensure there is effective communication throughout the week.

The objective is to engage employees, business partners and the community on proactive safety and to have some fun.

Background:

Ok Tedi’s National Mine Safety Week (NMSW) 2023 will focus on “LV and Mobile Equipment Safety” a program was drafted for the OTML operational site and a separate smaller program was developed for the Major Project’s business unit.

Why LV and Mobile Equipment Safety

The “LV & Mobile Equipment Safety” theme was selected based on the occurrences of events within the OTML business that involved Fatality, Injuries and equipment damages occurred during 2023.

The Major Projects Department organised various activities to suit with the NMSW theme. All employees associated with any of the Major Projects sections and work fronts were encouraged to participate with the planned activities to increase the awareness around safe driving so we can influence the trend in reducing Light Vehicle and Mobile Equipment Accidents and Incidents.

Programs and Activities:

The Safety initiatives to celebrate the National Mining Safety Week this year included;

- Daily Topics for Main NMSW 2023 activities across site
- Prestart check list Competition- LV and a Bobcat
- Equipment Audits
- Emergency Drill- Case Scenario A personal stuck on an EWP
- Drama Competition- Careless driving through Pedestrian crossing
- Fitbit for LV Drivers
- Crossword Puzzle
- 60 seconds Selfie Video Competition
- Best Photo Competition

Day 2. Monday 01st May 2023-Opening of National Mining Safety with GMs Address



Below are the main topics we ran daily with our internal activities that were running in parallel together with these main activities

- Day 2-Intro to light vehicle and Mobile Equipment Safety
- Day 3-At Risk Driving Behaviours
- Day 4-Driver Fitness
- Day 5-Road safety Rules and Public Road Awareness
- Day 6: Vehicle Condition and Systems

Activity #1. Prestart Checks on Light Vehicle and Mobile Equipment

Monday 01 of May 2023

The supervisor's from each work ground selected two participants to attend the Prestart check of a Light Vehicle and Mobile Equipment to identify the defects. There were five defects from Light Vehicle and seven defects for Bobcat. Total of 14 employees took part. The prizes were given to people who identify the defects correctly.



Equipment	Defects put in place	Defects Identified By participant's
LV	<ul style="list-style-type: none"> • 1 x Missing wheel nut indicator • 1 x misaligned wheel nut indicator • Expired Safety sticker • Wheel chock incorrectly positioned at rear of vehicle • Missing First Aid Kid • Missing Fire Extinguisher 	<ul style="list-style-type: none"> • 1 x Missing wheel nut indicator • Expired Safety sticker • Wheel chock incorrectly positioned at rear of vehicle • Missing First Aid Kid • Expired Fire Extinguisher
Skid Steer (Bob-Cat)	<ul style="list-style-type: none"> • Missing wheel Nut • Expired Safety Sticker • Loose wheel nut • Loose HYD Hose • Broken Cutting Edge • Fire extinguisher Expired • Wheel Valve Cap missing 	<ul style="list-style-type: none"> • Missing wheel Nut • Loose HYD Hose

Activity# 2: Equipment Audits (Tuesday 02 May 2023)

The Major Project's OHS&T personnel conducted in the field validations of various equipment's being utilized within the associated work areas to review the drivers / operators completed prestarts and identify any possible areas of improvement.

A total of 8 equipment's were audited these were;

Equipment Type	Audits Conducted
Franna Crane (CR 70,CR81)	X2



Activity 4: Drama (Careless driving through Pedestrian crossing)

A drama was performed by electrical team during the tool box meeting, performing a case scenario of careless driving through pedestrian crossing.

Key Learning: Safe driving habits must not only be practice in the work place but everywhere you go, at home, on break

Activity 5. Fitbit for LV Drivers

Sleep monitoring watches (Fitbit's) were supplied to employees that operate LV's within the Major Projects business unit on a regular basis

The aim was to monitor the amount of sleep hours and the readings were recorded from the 3rd-5th May 2023.

A sample of sleep hours recorded by the various employees were;

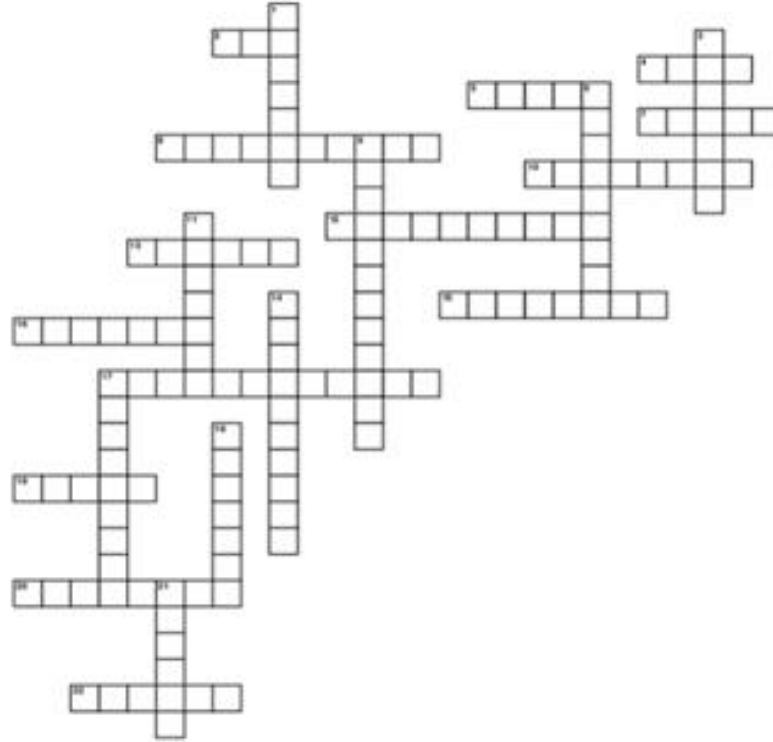
- 9hrs 25min
- 7hrs 15min
- 6hrs 49min



Activity 6. Crossword Puzzle competition

A crossword puzzle was created and was distributed to all the work sites (MP Mill, Town and Kiunga). This resulted in three personnel being identified as completing the crossword efficiently and correctly and were provided with a prize each.

MP 2023 National Mining Safety Week



Across

- [2] Driving Under Influence
- [4] Lose control
- [5] Slow and steady wins the race
- [7] Flat out
- [8] Shine a light on something
- [10] Measure twice, cut once
- [12] Come to a crunching halt
- [13] Brake to a halt
- [15] Embrace on for dear Me
- [16] Handbrake crack
- [17] Two Roads
- [19] Steady the wheel
- [20] Cross that bridge when you come to it
- [22] Time bomb waiting to go off

Down

- [1] Blinker on
- [3] Objects in mirror are closer than they appear
- [6] Keep your eyes peeled
- [9] Slippery slope
- [11] Dead tired
- [14] Stop, look, and listen
- [17] Give a heads up
- [18] Guiding light
- [21] Safety net

Activity #7. The 60 seconds Selfie Video

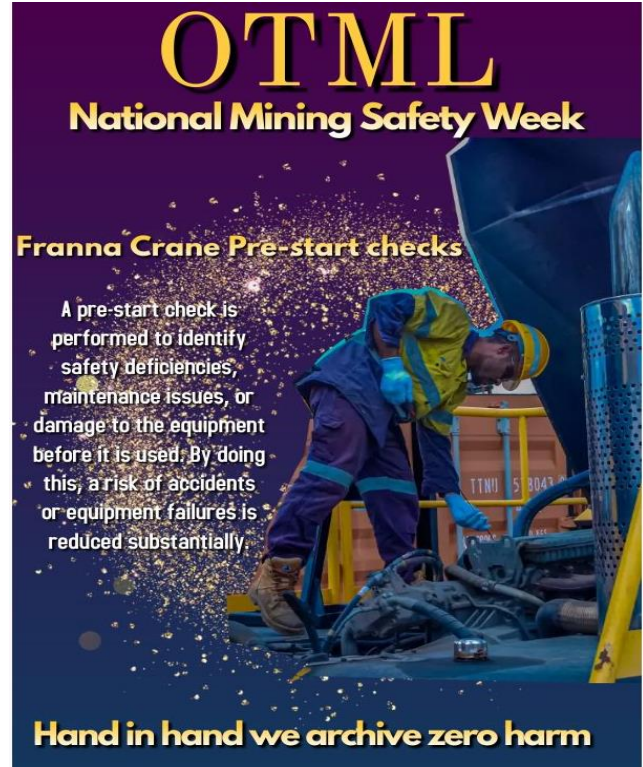
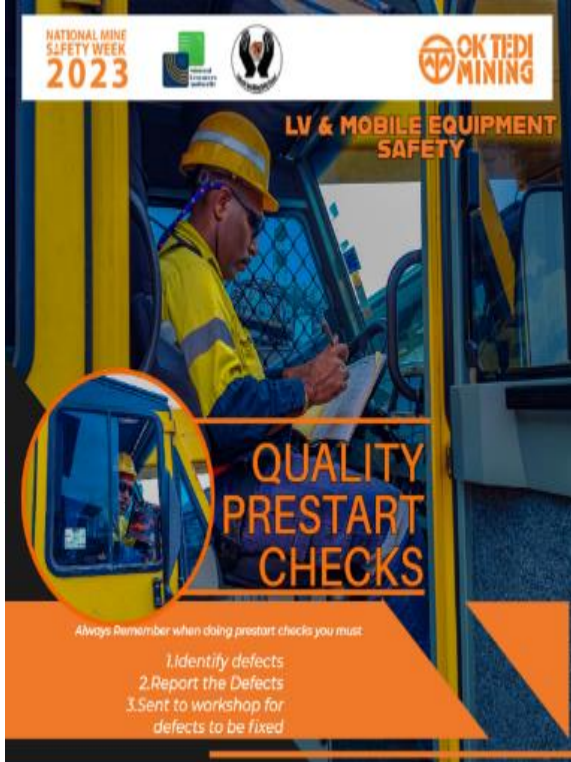
The 60 second selfie video is part of Major Projects Safety week activity.

Only one video was submitted for PAR in Tabubil (Mill).





Activity# 8: The Best Photo Competition

There were 5 photos submitted through. Only three were selected by the committee and were given a prize each.



Accidents and Incidents

During National Mine Safety Week, the Major Projects department encountered two incidents relating to mobile equipment.

Date	Workgroup	Description
04-May-2023	Civil	Excavator became off balance when preparing to move waste material 
05-May-2023	Batch Plant	When reversing into location an agitator truck received a damaged mudguard when it came into contact with a RMD shutter. 

Closing Remarks

The OTML National Mining Safety Week and in particular within the Major Projects business unit has been a huge success.

Some key areas for improvement identified during the week were;

- Equipment Prestart Complacency
 - Routine task
 - Not completing quality "Pre-start" checks i.e. tick and flick
- Communication
 - Knowing the emergency procedure, channel of communication when working in different areas of the OTML operations

OK TEDI MINING APD/ EMERGENCY NUMBERS		OK TEDI MINING IN AN EMERGENCY	
Base 01 Tabubil	Radio Channel 3 Ph. 849 3333 Mobile 7190 1976	1.	Stay Calm
Base 02 Kiunga	Radio Channel 12 Ph. 849 3777 Mobile 7190 1943	2.	Do not place yourself in danger
Base 03 Mill	Radio Channel 5 Ph. 849 3444 / 849 3555 Mobile 7190 1822	3.	Contact the appropriate emergency number listed on the back of the card
Base 06 Bige	Radio Channel 4 Ph. 849 2099 Mobile 7190 1944	4.	Clearly state "Emergency Emergency"
Mine Dispatch	Radio Channel 1 Ph. 849 3055	5.	Your name
POM	Mobile 7299 9414 Mourea 305 5120	6.	Nature of Emergency
		7.	Location of emergency
		EMERGENCY EMERGENCY EMERGENCY	

The involvement of the all employees, associated with Major Projects has contributed to portraying the importance of Safety and the OTML Values.